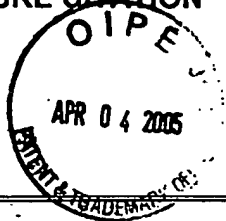


INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.
HA726 DIV
APPLICATION NO.
10/660,878
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1624

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
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| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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EXAMINER

Shrikant Nayak

DATE CONSIDERED

4/18/05

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Dec 16, 2004 4:48 PM PATENTING PATENT OFFICE
INFORMATION DISCLOSURE CITATION

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S.N. 10,102,782
Att. Docket No. HA726 DIV

Group 1624

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------|
| | AA | | | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

| | | |
|----|----|--|
| VR | AR | Cochran et al., "Regionally selective alterations in local cerebral glucose utilization evoked by charybdotoxin, a blocker of central voltage-activated K ⁺ -channels," Eur J Neurosci. 2001 Nov;14(9):1455-63; |
| VR | AS | Coleman et al., "Subunit composition of Kv1 channels in human CNS," J Neurochem. 1999 Aug;73(2):849-58; |
| VR | AT | Davies et al., "Kv channel subunit expression in rat pulmonary arteries," Lung. 2001;179(3):147-61. Epub 2002 Feb 04; |

EXAMINER

Deepak Negi

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4/13/05

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S.N. 10,292,810
 App. Docket No. HA72621V
 Group 1624

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, Etc.)

| | | |
|----|----|---|
| OR | AA | Frey et al., "Blocking of cloned and native delayed rectifier K channels from visceral smooth muscles by phencyclidine," Neurogastroenterol Motil. 2000 Dec;12(6):509-16; |
| OR | AB | Hanson et al., "UK-78,282, a novel piperidine compound that potently blocks the Kv1.3 voltage-gated potassium channel and inhibits human T cell activation," British Journal of Pharmacology (1999), 128, 1707-1716; |
| OR | AC | Hatton et al., "Functional and molecular expression of a voltage-dependent K(+) channel (Kv1.1) in interstitial cells of Cajal," J Physiol. 2001 Jun 1;533 (Pt 2):315-27; |
| OR | AD | Koh et al., "Contribution of delayed rectifier potassium currents to the electrical activity of murine colonic smooth muscle," J Physiol. 1999 Mar 1; 515 (Pt 2):475-87. |
| OR | AE | Kourrich et al., "Kaliotoxin, a Kv1.1 and Kv1.3 channel blocker, improves associative learning in rats," Behav Brain Res. 2001 Apr 8;120(1):35-46. |
| OR | AF | Lopantsev et al., "Hyperexcitability of CA3 pyramidal cells in mice lacking the potassium channel subunit Kv1.1," Epilepsia. 2003 Dec;44(12):1506-12; |
| OR | AG | MacDonald et al., "Members of the Kv1 and Kv2 voltage-dependent K(+) channel families regulate insulin secretion," Mol Endocrinol. 2001 Aug;15(8):1423-35; |
| OR | AH | MacDonald et al., "Voltage-dependent K(+) channels in pancreatic beta cells: role, regulation and potential as therapeutic targets," Diabetologia. 2003 Aug;46(8):1048-62. Epub 2003 Jun 27. |
| OR | AI | Pozeg et al., "In vivo gene transfer of the O2-sensitive potassium channel Kv1.5 reduces pulmonary hypertension and restores hypoxic pulmonary vasoconstriction in chronically hypoxic rats," Circulation. 2003 Apr 22;107(15):2037-44. Epub 2003 Apr 14. |
| OR | AJ | Rho et al., "Developmental seizure susceptibility of kv1.1 potassium channel knockout mice," Dev Neurosci. 1999 Nov;21(3-5):320-7; |
| OR | AK | Shah et al., "Immunosuppressive effects of a Kv1.3 inhibitor," Cellular Immunology 221, (2003), 100-106. |
| OR | AL | Vianna-Jorge et al., "Shaker-type Kv1 channel blockers increase the peristaltic activity of guinea-pig ileum by stimulating acetylcholine and tachykinins release by the enteric nervous system," Br J Pharmacol. 2003 Jan; 138(1):57-62; |
| OR | AM | Wickenden, "Potassium channels as anti-epileptic drug targets," Neuropharmacology. 2002 Dec;43(7):1055-60. |
| OR | AN | Wulff et al., "Potassium channels as therapeutic targets for autoimmune disorders," Current Opinion in Drug Discovery & Development 2003 6(5):640-647. |

EXAMINER

Rupak Neng

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10.29.2008
S-10.10/60.678
Att. Doclet No. HA726DV

Group 1624

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, Etc.)

| | | |
|----|----|---|
| OK | AA | Xu et al., "The voltage-gated potassium channel Kv1.3 regulates peripheral insulin sensitivity," Proc Natl Acad Sci U S A. 2004 Mar 2;101(9):3112-7. Epub 2004 Feb 23 (epublished 2004 Feb 23); |
| | AB | |
| | AC | |
| | AD | |
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| | AI | |
| | AJ | |
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